

**CBR DETECTION/PORTABLE EQUIPMENT CHECK SHEET**  
**FOR USS \_\_\_\_\_**  
**DATE: \_\_\_\_\_**

REF: (a) PMS  
 (b) NSTM 470  
 (c) Department of the Navy Dry Filter Unit guide dated 31 Aug 2002.  
 (d) NSTM 070  
 (e) Policies and Procedures Manual (SE700-AA-MAN-100/RADIAC)  
 (f) ACADA Technical Manual SW073-AF-MMO-010

	IAW	SAT/ UNSAT S/N:	SAT/ UNSAT S/N:	SAT/ UNSAT S/N:	SAT/ UNSAT S/N:	SAT/ UNSAT S/N:	SAT/ UNSAT S/N:	SAT/ UNSAT S/N:
<b>I. INSPECT AND TEST CBR DETECTION/PORTABLE EQUIPMENT:</b>								
<b>A. AN/PDQ-1 AND BETA PROBE:</b>	4361/568							
1. Is the Radiac calibrated and the tamper seal intact? (a) Radiac was not calibrated/past calibration. (b) Tamper seal was broken.								
2. Is the case in good condition?								
3. Is the Radiac in good working condition?								
4. Does the Radiac operate IAW PMS? (a) Back light was inop. (b) Batteries were dead. (c) Radiac meter was inop. (d) Radiac was at the cal lab for repairs/calibration.	M-1R							
5. Is the Beta probe in good working condition?	M-1R							
6. Does the Beta probe operate IAW PMS?	M-1R							
7. Is the required number onboard?	Ref. (e) AEL							

<b>B. AN/PDR-65 &amp; 65A</b>	IAW	SAT/ UNSAT	SAT/ UNSAT
COMPARTMENT NUMBER S/N:	NSTM 470 4361/508	Bridge S/N:	DCC S/N:
1. Is the Radiac calibrated and the tamper seal intact?			
2. Is the Radiac connected to a controlled power supply?	Q-7		
3. Is the Radiac batteries charged? (Batteries should be of a rechargeable type.)			
4. Is the Radiac meter glass broken or cracked?	Q-7		
5. Is the Radiac meter free of foreign material?	Q-7		
6. Does the Radiac have loose connectors	Q-7		
<b>7. Perform remote detector cable resistance &amp; continuity check:</b>	R-7		
a. Is the remote detector cable resistance and continuity check sat?	R-7		
8. Was the Radiac operational?			
7. Is the required number onboard?	Ref. (e) AEL		

<b>C. Dosimeter IM-143/IM-9</b>	4361/509 NSTM 470	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
1. Is the IM-143 calibrated?	R-8							
2. Is the IM-143 in good working condition?	R-8							
3. Viewing through the glass on the IM-143 is there any loose or missing parts?	R-8							
4. Can the IM-143 be charged by the PP-4276/PD meter and zeroed? (PP-4276 must be calibrated)	R-8							
5. Is the required number onboard?	Ref. (e) AEL							

<b>D. RADIAC DETECTOR CHARGER PP-4276, 4267A,B, C, D,PD</b>	4361/507 S/N:	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
1. Is the Radiac detector charger calibrated and the tamper seal intact?								
2. Is the Radiac detector charger is good working order?	R-6							
3. Are hold down screws in place and tight?	R-6							
4. Does the charger light work?	R-6							
5. Will the charger adjust the dosimeter to zero?	R-6							
6. Is the charger operational?	R-6							
7. Is the required number onboard?	Ref. (e)							

	AEL							
--	-----	--	--	--	--	--	--	--

E. RADIAC COMPUTER INDICATOR CP-95, 95A,B/PD DT-60, 60B,C, D/PD	IAW	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
S/N:	4361/505	S/N:	S/N:	S/N:	S/N:	S/N:	S/N:	S/N:
1. Is the CP-95 in good working order and not damaged?								
2. Is the units calibrated and tamper seals intact?								
3. Is DT-60 un damaged?	R-4							
4. Does the unit operate properly IAW PMS?	R-6, R-7							
5. Is the required number onboard?	Ref. (e) AEL							

F. IMPROVED POINT DETECTION SYSTEM (IPDS)	IAW	SAT/ UNSAT	SAT/ UNSAT
1. Control Display Unit (CDU):	4361/004,	S/N:	S/N:
a. Are all wire connections tight?			
b. Upon start up verify program? (Program should be 4.0)			
c. Are all switches working?			
d. Label plate should be Revision G. If not document and inform FTSC/LANT/PAC. (This is for the chip replacement)			
2. Remote Display Unit (RDU):	4361/004,	S/N:	S/N:
S/N:			
a. Are all wire connections tight?			
b. Upon start up verify program? (Program should be 4.0)			
c. Are all switches working?			
d. Label plate should be Revision F. If not document and inform FTSC/LANT/PAC. (This is for the chip replacement)			
3. External Air Sampling Unit (EASU):		PORT	STBD
S/N:			
a. Is the intake filter in good condition?			
b. Has the Acoustic Cover modification been completed?		Y/N	Y/N
c. Is the bell completely vertical?			
d. Are the inlet and outlet tubes tight?			
e. Is the power cord tight?			
4. Detector Unit (DU):		PORT	STBD
S/N:			
a. Has the unit been updated with stainless steel pumps?			
b. Is the grill filter clean?			
c. Are all wire connection/cables tight?			
d. Are inlet and outlet tubes tight and moisture free?			
e. FTSC/LANT: Connect CPU and take readings. If sat conduct M-1R.			
5. Operational Check of IPDS system:	4361/004, M-1R	PORT	STBD
a. Was the Bit I test sat?			
b. Was the confidence test sat?			
6. Is the required number onboard?	AEL		

G. Alarm, Shipboard Chemical Agent Detector, Automatic (ACADA):	4361/037	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
S/N:							
1. Is the unit free of damage?	Q-1R						
2. Are all parts present and in good working condition?	Q-1R						
3. Remove Comms and Power connector protective caps and inspect for damage.	Q-1R						
4. Are all cable connections tight and good condition? (inspect connector pins, cables, and cable connectors)	Q-1R						
5. Is handle damaged?	Q-1R						
6. Is the AC Power cable free of damage?	Q-1R						
7. Verify equipment inventory per unit as follows:	Ref (f)						
ITEM QTY							
Detection Unit 1							
Power Supply (battery) 2							
Technical Manual 1							
Spare Desiccant filters 3							
AC Power Cable 1 (some have 2, only 1 req'd)							
DU Power Cable 1							
Purge filter Assembly 1							
Spare Purge Filters 6 (5 + 1 installed)							
Particulate Filter Assembly 1							
Particulate Filters 10 (9 + 1 installed)							
Rain Hood Assembly 1							
Wand 1							
Tufnell Tubing 5 ft							
Carrying Strap 1							
Confidence Sample 1							
Power Strip 1							
Storage Case 1							
8. Is the self-test satisfactory?	Q-1R						

9. Is the Confidence Test satisfactory?	Q-1R						
10. Is the power cord safety checked ?	DATE:						
11. Is the required number onboard?	AEL						

I. Dry Filter Unit (DFU):	S/N:	IAW	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT	SAT/ UNSAT
1. Are the required number of DFUs with accessories on board per class? Large Platform: 5 ea Small Platform: 3 ea Accessories: Power cord (1 per DFU), inlet stack (1 per DFU), and 4 filter assemblies (per DFU)							
2. Are the required number of HHA panels on board stored in the refrigerator(s)? Large Platform: 400 ea (2 refrigerators) Small Platform: 200 ea (1 refrigerator) Expiration Date: (1 year if not refrigerated, 2 years if refrigerated)							
3. Are the required number of DFU Kits on board? Large Platform: 400 ea Small Platform: 200 ea							
4. Are the required number of Biological Response Bags (BRBs) on board? Large Platform: 3 ea Small Platform: 2 ea							
a. Does each BRBs contain the following: Mobile Operation Bag 1 ea Jar, 60ml Wide Mouth 9 ea Bottle, 60ml Narrow Mouth 9 ea Vial, 5ml Cryogenic Sterile 20 ea Pen, Ballpoint 2 ea Marker, Permanent Sharpie Fine Point 2 ea Pad, Nalgene Writing 2 ea Wipes, Cloth 10 ea Shipper, SAF-T-PAK 100 (includes a pressure vessel, cardboard coil, and box) 2 ea Bag, ZIPLOC, Sandwich 20 ea Bag, ZIPLOC 2 Gallon 20 ea Trowel, Sample, Plastic 10 ea Spoon, Sampler, Sterile 10 ea Swab, Dacron Tip, Wood shaft Sterile 50 ea Pipette, Transfer Large 10 ea Tape, Transparent Roll 1 ea HYPE Wipes, Bleach Extra Strength 10 ea Underpad, Absorbent 8 ea Utility Cutter, Angle Blade 2 ea Labels, Blank, Specimen 20 ea Labels, Danger Aircraft 4 ea Labels, Class 6.2 Infectious Substance 4 ea Label, Over pack 4 ea Dangerous Goods Declaration 3 ea							
5. Date of Safety Check for Power Cord:							
6. Training HHA's 10 ea							
7. Does the DFU vacuum work if plugged in and tested?							
8. Is the required number onboard?							

J. AN/KAS 1 & 1A: Ref: (a) NAVSEA TECH MANUAL SW073-AA-MMO-010 (b) NSTM 470	IAW	SAT/ UNSAT	SAT/ UNSAT
1. Does each unit have a foul weather cover?		S/N	
2. Are alignment benchmark data plates mounted on each mounting bracket with the info filled in?			
3. Does the maintenance kit contain the following: (1 kit per unit)			
6V spare bulbs 4ea			
115V spare bulbs 2ea			
Lens cleaning solution 1 bottle			
Lens cleaning pads 1 box			
Purge apparatus 1 ea.			
Spare nitrogen cylinders 6ea			
4. Does each unit have an overboard lanyard?			
5. Does each unit have a lens cover?			
6. Do control handles rotate 180 degrees into operational position?			
7. Does each unit have an independent power source (110V)?			
8. Are there any breaks and/or exposed wiring, missing/corroded parts or connectors?			
9. Are there any broken welds or loose/missing bolts on the mounting station?			
10. Is the lanyard and lanyard D ring in place.			
11. Is PCU properly grounded with Class C, Type III bond (TM page 8-4 note)			
12. Operation: Turn unit on allow to stabilize for 2 to 6 minutes			



<b>REMARKS:</b>

ASSESSOR(S): \_\_\_\_\_ DATE: \_\_\_\_\_